

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant	: Heiner et al.
App. No	: 10/762,931
Filed	: January 21, 2004
For	: CHEMICAL REACTION MONITOR
Examiner	: Paul Sang Hwa Hyun
Art Unit	: 1797
Conf No.	: 5755

**SECOND RESPONSE AFTER FINAL OFFICE ACTION**

Mail Stop: AF  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

In response to the final Office Action issued June 24, 2010 and the advisory action issued December 3, 2010, and supplemental to the submission filed on November 24, 2010, Applicants respectfully request consideration of the following amendments and remarks.

**Amendments to the Claims** are reflected in the listing of claims which begins on page 2 of this paper.

**Remarks** begin on page 7 of this paper.